

Abstract of the Disclosure

[0052] Poly-siloxane material may be used to form an insulating structure in an organic light-emitting device (OLED). In addition to the insulating structure, an OLED may have an electro-luminescent organic layer separated into light-emitting elements, e.g., display pixels, arranged between electrode layers. A voltage applied across the electrode layers causes the device to emit light. One type of insulating structure may be a bank structure formed from a thin sheet of poly-siloxane with apertures corresponding to the display pixels. Pixels may be formed with the deposit of one or more layers of organic material into the apertures. Another type of insulating structure may be one or more insulating strips, which may separate an electrode layer into electrode strips during construction and/or insulate electrode strips while the OLED is in operation.